

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 February 2005 (24.02.2005)

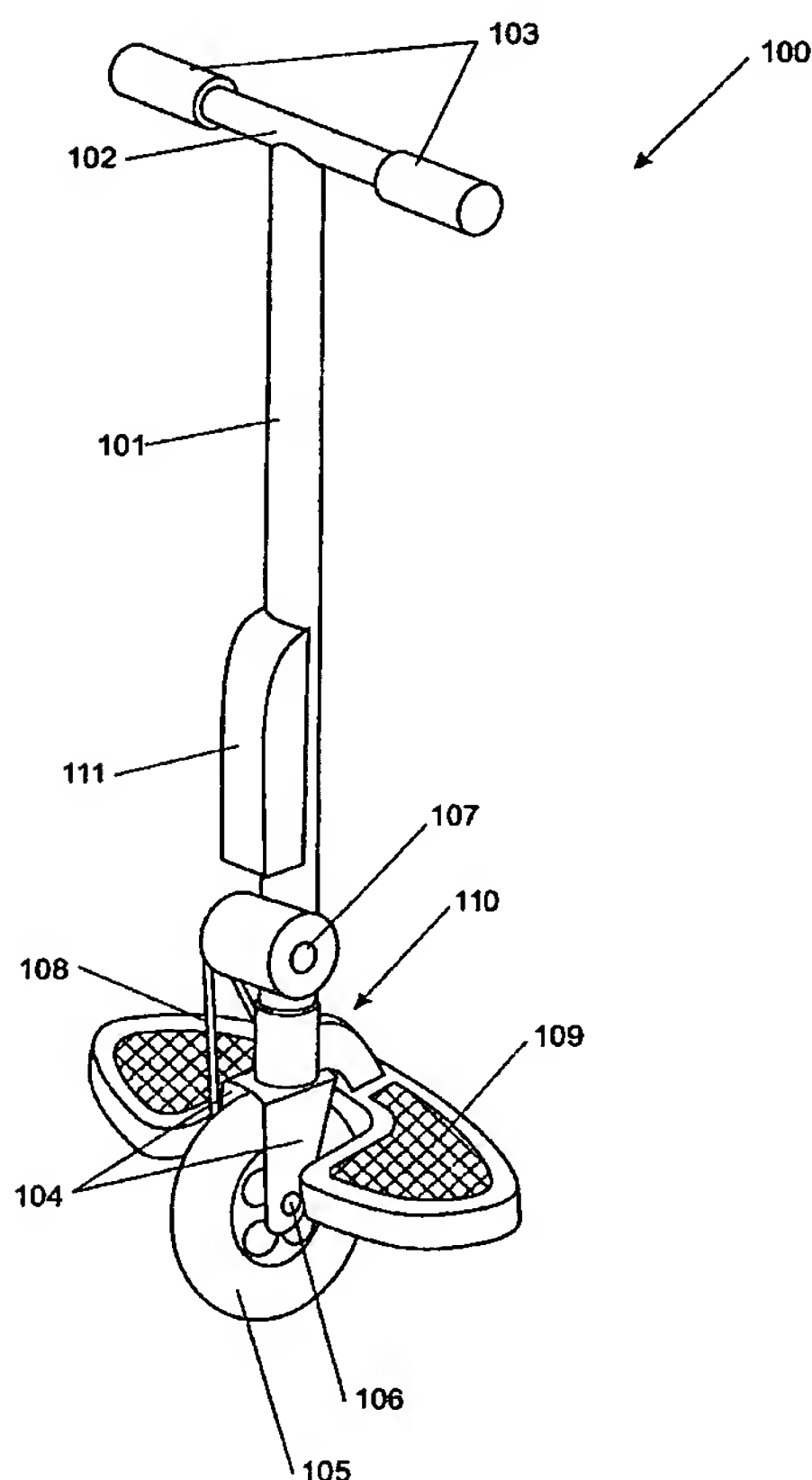
PCT

(10) International Publication Number
WO 2005/016735 A1

- (51) International Patent Classification⁷: **B62K 1/00**
- (21) International Application Number:
PCT/NZ2004/000188
- (22) International Filing Date: 18 August 2004 (18.08.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
527651 18 August 2003 (18.08.2003) NZ
- (71) Applicant (for all designated States except US): **CANTERPRISE LIMITED** [NZ/NZ]; Forestry School Building, Forestry Road, Ilam, Christchurch (NZ).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **ALEXANDER, Keith, Vivian** [NZ/NZ]; 65 Middleton Road, Upper Riccarton, Christchurch (NZ).
- (74) Agents: **WEST-WALKER, Gregory, J et al.**; A J Park, 6th Floor Huddart Parker Building, Post Office Square, P O Box 949, Wellington, 6015 (NZ).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: A POWERED UNICYCLE



(57) Abstract: A powered unicycle (100) having a wheel (105) driven by a motor (107) and a control system arranged to automatically maintain the fore-aft balance of the unicycle (100) via operation of the motor (107). The unicycle (100) also includes a handle bar (102), coupled to the wheel (105) by a pillar (101), which is operable to steer the wheel (105), and a rider-support (109) which is pivotable relative to the wheel.



FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*